

# MP14 NEEDLE HEAD

M3 TECHSHEET / NEEDLE HEAD SERIES

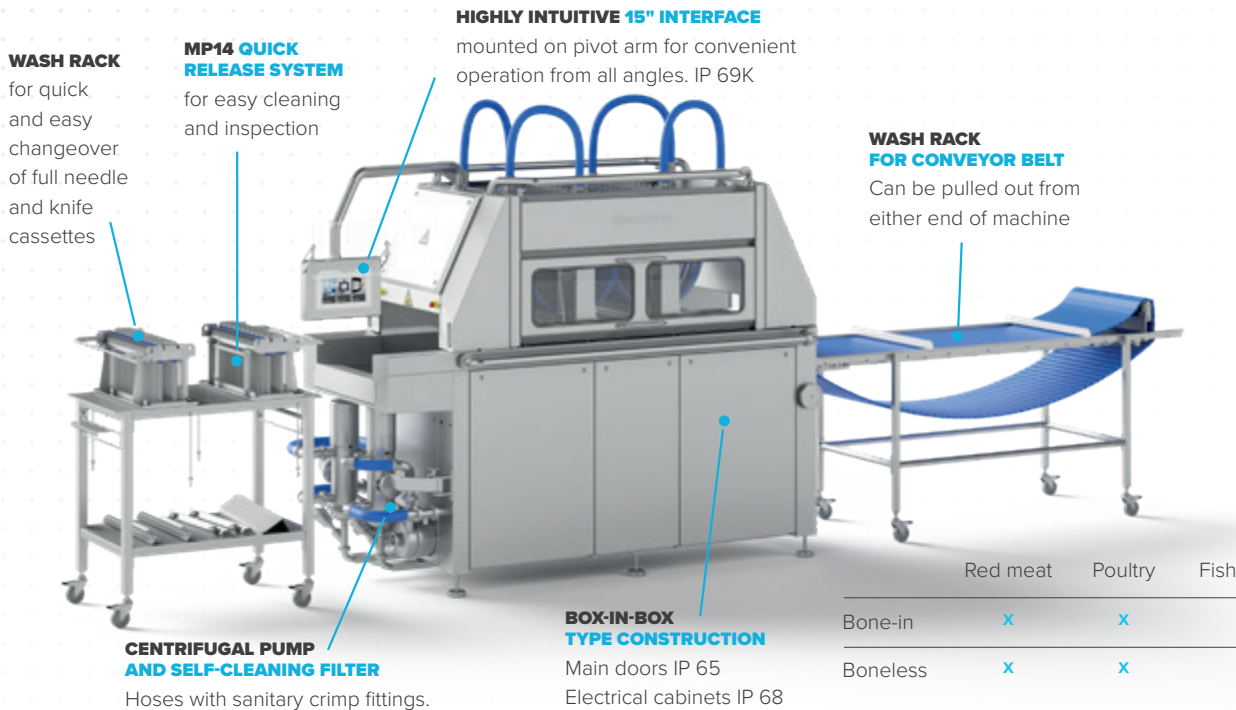
# M3 INJECTOR SERIES

## THE FOMACO MP14 NEEDLE HEAD

With a stroke height of 0-240 mm, a max product clearance of 200 mm and a design for both bone-in and boneless meat products the MP14 is the most flexible needle head in the M3 range.

Due to the dual pressure air cylinders the stripper feet can apply low pressure to the product on the downstroke and an increased pressure on the upstroke. Because the stripper feet have an exceptional hold on the product the injection is controlled on both the down- and upstroke, making the MP14 extremely precise.

Moreover, the needle head can be setup with differential injection allowing for an optimized production of full middles or back bacon. This combined with the numerous needle options and the ability to quickly change the full needle cassette makes the MP14 adaptable to all production requirements.



	Red meat	Poultry	Fish
Bone-in	X	X	
Boneless	X	X	



## DESIGNED FOR QUICK AND EASY CLEANING

With the MP14 quick release system you can dismantle the full needle cassette in a matter of seconds. Inspection, cleaning and disinfection has never been easier!

This also allows for an instant exchange with a clean needle cassette.

In addition, the needle head features:

- A self-cleaning seat valve design
- Designed as a pump-to-product system for improved hygiene
- A wash table for all loose parts during cleaning
- Designed with a self-cleaning brine distribution channel for improved hygiene



## TECHNICAL SPECIFICATIONS

Knife pattern density: 125 penetrations per 100 x 100 mm  
 Advancement: 60 mm  
 Stripping heights H1: 0-200 mm

**Available needle types:** Single - Double - Quadro

### Injection area W1 x L1

FGM 48 420 x (60) mm  
 FGM 64 550 x (60) mm  
 FGM 88 750 x (60) mm  
 FGM 112 950 x (60) mm

### Number of needles

FGM 48 48 pcs  
 FGM 64 64 pcs  
 FGM 88 88 pcs  
 FGM 112 112 pcs

### Compatibility

FGM 48 / FGM 64 / FGM 88 / FGM 112

## ADDITIONAL FEATURES

- Reduction in wear parts on needle head
- Uniform needle pattern
- Product activated brine valves